I.C.C. DOCKET NO. 06 - 0620 10621

NICOR EXPIDITIVE NORTHERN ILLINOIS GAS COMPANY

D/B/A NICOR GAS COMPANY

Witness

SURREBUTTAL TESTIMONY OF

ALBERT E. HARMS

ILLINOIS COMMERCE COMMISSION

DOCKET NOS. 00-0620 and 00-0621 CONSOLIDATED

| 1 | Q. | Please state your name and business address. |
|----|----|---|
| 2 | A. | Albert E. Harms, 1844 Ferry Road, Naperville, Illinois 60563-9600. |
| 3 | Q. | Are you the same Albert E. Harms that previously testified in this case? |
| 4 | A. | Yes. |
| 5 | Q. | What is the purpose of your surrebuttal testimony? |
| 6 | Α | I will respond to the rebuttal testimony presented by Staff witnesses Sweatman, |
| 7 | | Iannello and Schlaf, and the witnesses sponsored by the Citizen Utilities Board |
| 8 | | ("CUB"), the Cook County States Attorney's Office and the People of the State of |
| 9 | | Illinois, (collectively, Governmental and Consumers Intervenors ("GCI")), Mr. |
| 10 | | Mierzwa and Ms. Alexander. I will address their testimony as it relates to |
| 11 | | operation of the Customer Select program, excluding issues related to natural gas |
| 12 | | supplies, which are addressed by Mr. Gilmore. |
| 13 | Q. | Do you have general comments to make about Staff's and GCI's testimonies in |
| 14 | | this case? |
| 15 | A. | Yes. First, I would like to note that the Company is really not proposing any |
| 16 | | substantial changes to what has already been in effect for the past three years. |
| 17 | | Simply put, the Company is requesting that its very successful Customer Select |
| 18 | | program be offered year-round to all customers. There are no proposed changes |
| | | |

to charges that have been in place for the last three years or to the majority of the

2

3

4

5

6

7

8

10

11

12

13

14

15

16

17

18

19

20

21

22

rules under which customers and Suppliers operate. The program has been expanding each year and we anticipate that many of the Company's almost 2 million customers would like to have the same choices and opportunities these other customers have had. Second, Nicor Gas is the only active party in this case that has had actual experience in developing and operating an open access program for small customers. This results in many of the unsubstantiated arguments presented by the other parties, such as: that charges are barriers to entry to the program; tariff provisions favor one Supplier over another; there is massive customer confusion; the program can only work if severe "customer protection" provisions are added; and, what is "workable competition", being based on pure speculation and theory. It is the market that will resolve many of these arguments. Essentially, some parties are attempting to regulate the market and, at the same time, argue that customers should be able to participate in an open market. Still others are making theoretical arguments without the benefit of practical business experience. Finally, there have been numerous references to electric unbundling in Illinois. However, electric unbundling is still in its infancy, has not reached the residential level yet, and has none of the characteristics of the more mature natural gas industry which has been deregulated on the commodity side for over 15 years. To make comparisons between the two industries is speculative and misguided, since no electric utility has had the experience that comes with offering unbundled service as long as Nicor Gas has offered it.

| 1 | | Nicor Gas' transportation tariffs have evolved over the years based on what the |
|----|----|--|
| 2 | | Company has learned. As the Company stated in its petition to expand Customer |
| 3 | | Select, Nicor Gas does not believe that its current program will continue |
| 4 | | unchanged. There undoubtedly will be changes required by the market, and the |
| 5 | | Company will respond accordingly. This actual experience approach is far better |
| 6 | | than academically trying to define what the market should be like, and forcing |
| 7 | | customer choice to fit a theoretical mold. |
| 8 | Q. | What specific issues has Staff witness Sweatman raised in his rebuttal testimony |
| 9 | | that you wish to respond to? |
| 10 | A. | Mr. Sweatman's rebuttal testimony, concerning the Company's proposed charges |
| 11 | ÷ | and the costs to provide the proposed services, continues to advocate somewhat |
| 12 | | different charges than those proposed by Nicor Gas. The Company continues to |
| 13 | | disagree with Mr. Sweatman's proposals and continues to believe that Nicor Gas' |
| 14 | | proposed charges, which have been in effect for three years, and in some cases |
| 15 | | reduced over that period of time, are just and reasonable. |
| 16 | Q. | Does the Company believe that the Supplier Application Charge should remain at |
| 17 | | the current one-time charge of \$2,000? |
| 18 | A. | Yes. Nicor Gas' major point of disagreement with Mr. Sweatman's opinion is on |
| 19 | | the amount of time the Company needs to educate the Supplier on the many |
| 20 | | various issues presented by the program. It is simply Mr. Sweatman's opinion |
| 21 | | that 8 man-hours is sufficient time to train a Supplier. The Company's actual |
| 22 | | experience is that, on average, it takes at least 24 man-hours. In many cases, the |

| 1 | Company visits the Supplier and provides ongoing education needed to answer |
|----|---|
| 2 | the Supplier's questions. This is particularly true due to the rather high turnover |
| 3 | of employees of Suppliers necessitating more training. The Company also |
| 4 | provides training on changes in procedures. As suggested by Mr. Sweatman, the |
| 5 | following lists just a portion of the issues discussed by the Company and |
| 6 | Supplier: |
| 7 | Information Technology Representative |
| 8 | Hardware and software requirements |
| 9 | Electronic file description and record layout |
| 10 | Electronic file transfer process |
| 11 | Encryption process for electronic files |
| 12 | Downloading of electronic data files |
| 13 | C |
| 14 | General Customer Select Program Representative |
| 15 | |
| 16 | Explanation of program rules and deadlines |
| 17 | Explanation of tariff requirements |
| 18 | Explanation of various tariff charges |
| 19 | Contracts and agreements |
| 20 | Enrollment process issues |
| 21 | |
| 22 | Customer Select Operations Representative |
| 23 | |
| 24 | Day-to-day operational issues |
| 25 | Supply and storage issues |
| 26 | Nomination and forecasting process |
| 27 | Specific account issues |
| 28 | Billing inquires |
| 29 | Customer service issues |
| 30 | |
| 31 | In view of the foregoing, and the Company's knowledge of Suppliers' ever |
| 32 | changing educational needs, Nicor Gas knows that least 24 man-hours is needed |

| 1 | | when meeting with a potential Supplier. It follows that the existing \$2,000 charge |
|----|----|--|
| 2 | | is appropriate. |
| 3 | Q. | What would the revenue impact be on the Company if the Commission accepts |
| 4 | | Mr. Sweatman's proposed charge of \$1,385? |
| 5 | A. | The potential revenue impact would be minimal, as the Supplier Application |
| 6 | | Charge is a one-time charge. If ten additional Suppliers were added to the |
| 7 | | program, the lost revenue would be \$6,150. Obviously, Staff's proposed |
| 8 | | reduction to this charge is being opposed by the Company based on principle and |
| 9 | | not on its revenue impact. |
| 0 | Q. | With respect to the \$200 monthly Group Charge, is Mr. Sweatman's presumption |
| 1 | | correct that fewer customers in a group results in less staff time needed to prepare |
| 2 | | and input the required program information? |
| 3 | A. | As I have consistently explained throughout this proceeding, the answer is no. |
| 4 | | Again, it is Mr. Sweatman's subjective opinion that more customers in a group |
| 5 | | requires more staff time. The Company's experience has been, however, that it |
| 6 | | needs just as much time to prepare forecasts, nomination information, and billing |
| 7 | | reports for a group with few customers as for a group with many customers. By |
| 8 | | way of illustration, I have included as Surrebuttal Exhibits AEH-1 and AEH-2, |
| 9 | | copies of two bills. Surrebuttal Exhibit AEH-1 is a bill for a Supplier group with |
| 20 | | numerous customers and Surrebuttal Exhibit AEH-2 is a bill for a Supplier group |
| 1 | | with few customers. As a review of these exhibits shows, the information |
| 2 | | provided on the respective hills is identical. As I have previously noted, even |

| 1 | | though the electronic processing time to aggregate the data for each Supplier is |
|----|----|---|
| 2 | | different, the Company has not included computer processing time in its costs. |
| 3 | | Clearly, the staff time required to complete the total process of providing the |
| 4 | | information is the same regardless of the group's size. Therefore, the Company |
| 5 | | continues to maintain that the current Group Charge of \$200 per month is |
| 6 | | appropriate. |
| 7 | Q. | Does Mr. Sweatman adequately support his proposal to bifurcate the Group |
| 8 | | Charge at the 10,000 customer level? |
| 9 | A. | No. Mr. Sweatman simply looks at the number of customers each Supplier has |
| 10 | | and concludes that one Supplier has many customers while all the other Suppliers |
| 11 | | have 7,500 customers or less. Therefore, he appears to reason, allowing for some |
| 12 | | customer additions, 10,000 customers must be the right level. One must |
| 13 | | remember, however, that Mr. Sweatman has proposed that the Group Charge of |
| 14 | | \$200 be reduced to \$100 for groups with less than 10,000 customers based on his |
| 15 | | subjective belief that less staff time is required for smaller groups. Nowhere does |
| 16 | | he quantify, nor can he quantify, a monthly savings of 2.5 man-hours for small |
| 17 | | groups (2.5 man-hours at \$40 per hour) as assumed in his direct testimony at line |
| 18 | | 485. |
| 19 | Q. | If the Commission were to accept Mr. Sweatman's proposal for a two-part Group |
| 20 | | Charge, what recommendation would you have? |
| 21 | A. | I would recommend that each Supplier be restricted to only one group. As |
| 22 | | Customer Select participation expands, Suppliers should not be allowed to receive |

| 1 | | a below cost Group Charge based on the number of customers they acquire by |
|----|----|---|
| 2 | | creating more groups to remain in the small size category. This would unfairly |
| 3 | | cause the Company to absorb costs for the Suppliers' benefit. |
| 4 | | Moreover, if Customer Select is made available to all 2 million Nicor Gas |
| 5 | | customers and Suppliers are restricted to only one group, I would anticipate that |
| 6 | | every Supplier would have over 10,000 customers and Mr. Sweatman's two-part |
| 7 | | Group Charge proposal would be irrelevant. |
| 8 | Q. | On page 5 of his rebuttal testimony, Mr. Sweatman discusses your interpretation |
| 9 | | of his testimony relative to Illinois Power's administrative charge for electric |
| 10 | | delivery services. Does Mr. Sweatman properly characterize your comments? |
| 11 | A. | No. My point is that you must consider the underlying costs to be recovered by |
| 12 | | an administrative charge or a Group Charge before you can determine if the |
| 13 | | Commission did not approve recovery of similar costs, as alleged by Mr. |
| 14 | | Sweatman. Mr. Sweatman admits at lines 95 to 97 that he did not attempt to |
| 15 | | compare specific activities underlying Illinois Power's Administrative Charge and |
| 16 | | Nicor Gas' Group Charge, yet he opines that "the Rider 16 Group Charge falls |
| 17 | | into the category of a monthly administrative fee to alternative suppliers". His |
| 18 | · | argument that the Commission denied monthly fees proposed by electric utilities |
| 19 | | should not be translated into a bias against Nicor Gas' proposed monthly fee, the |
| 20 | | Group Charge. Just because Nicor Gas and Illinois Power proposed a monthly fee |
| 21 | | to be applied to Suppliers does not mean they are both proposing to recover the |
| 22 | | same costs in the same manner, because they are not. |

| 1 | Q. | Mr. Sweatman maintains that the Company should not be permitted | ed to recover |
|--|----|--|-------------------|
| 2 | | \$435,000 of annual "unassigned" costs and \$658,600 of "unrecove | ered" costs. Do |
| 3 | | you agree? | |
| 4 | Å. | No. Mr. Sweatman states that the unassigned costs, "do not appear | r to be incurred |
| 5 | | only in relation to the Customer Select program since they are not | identified as |
| 6 | | being associated with one or more of the program's charges". (re | buttal |
| 7 | | testimony, lines 105-107) I have never heard of, nor have I seen a | pplied, a |
| 8 | | standard that only permits costs directly associated with a charge | to be recovered. |
| 9 | | That is like saying all costs associated with construction and main | tenance of a |
| 10 | | utility's office are unrecoverable in base rates because they are no | t directly |
| 1 | | associated with either a customer charge or a distribution charge. | Under Mr. |
| 12 | | Sweatman's approach, a utility would need to have an Office Cha | rge appear on its |
| 13 | | bill in order to recover office costs. The standard for recovery mu | st be that the |
| 4 | | costs are incurred because of Customer Select. The unassigned co | osts, as shown in |
| 5 | | the direct testimony of Mr. Sweatman in Attachment 4A, clearly s | atisfy this |
| 6 | | standard. Specifically: | |
| 17 18 | | Communications/Marketing Relates to information that is more educational in nature given or made available to customers. | \$124,000 |
| 20 21 22 23 24 25 26 | | Community/Government Relations Deals with community and legislative leaders on Customer Select issues and provide speakers for community groups. | \$50,000 |
| 25 26 27 28 | | Implementation Team Staff assigned to monitor on going program requirements meet with Suppliers, resolve issues, etc. | \$141,000 |

| 1 | | Auditing | \$80,000 |
|--------|----|---|-------------------|
| 2 | | Staff to review firm transportation and supply agreements | |
| 3 4 | | required of Suppliers and to monitor compliance with tariff provisions. | |
| 5 | | aim provisions. | |
| 6 | | Finance | \$40,000 |
| 7 | | Staff to monitor credit worthiness, maintenance of letters | • |
| 8 9 | | of credit, parental guarantees, etc. | |
| 10 | | These costs are properly recoverable, and including them in the ac- | count charge |
| 11 | | calculation is consistent with generally accepted cost of service stu | dy methods. |
| 12 | | Mr. Sweatman states that \$658,600 of unrecovered costs, "should | not be allowed |
| 13 | | to be recovered due to the uncertainty regarding whether future pro | ogram shortfalls |
| 14 | | will actually occur" (Rebuttal testimony, lines 107 to 109). I certa | inly agree that |
| 15 | | the Company's forecast of costs, customers and revenues is an esti | mate and not a |
| 16 | | guarantee. However, this is no different than any forecast used in | Commission |
| 17 | | proceedings and is not a valid basis for arbitrarily disallowing cost | recovery. |
| 18 | Q. | What should be the Monthly Account Charge? | |
| 19 | A. | The Company has justified \$1.03 (Rebuttal Exhibit AEH-2). How | ever, the |
| 20 | | Company has taken the position that its current charges should ren | nain unchanged, |
| 21 | | which means the charge should continue to be \$1.00. | |
| 22 | Q. | Mr. Sweatman states at the end of his rebuttal testimony that the C | ompany has not |
| 23 | | adequately supported the Group Additions Charge and the mechan | ics of |
| 24 | | administering the charge was not his concern. Why did you compa | are Nicor Gas' |
| 25 | | proposed current Group Additions Charge with that of electric util | ities? |
| 26 | A. | My point was that the magnitude of the current Group Additions C | charge is in line |
| 27 | • | with those of other utilities when one considers how the charges ar | e applied I |

| 1 | | still believe that the Company has provided ample support for continuation of the |
|----|----|---|
| 2 | | current \$10 Group Additions Charge. |
| 3 | Q. | Staff witness Iannello contends that the Group Additions Charge should be |
| 4 | | eliminated and the associated costs recovered by an increase in the monthly |
| 5 | | Account Charge. Do you agree? |
| 6 | A. | No. This proposal, if accepted by the Commission, would be contrary to the |
| 7 | | Commission's expressed policy of having cost causers pay the costs. Since the |
| 8 | | Company has isolated the costs required to change a customer from one Supplier |
| 9 | | to another Supplier, it is proper that only customers switching to another Supplier |
| 10 | | incur the proposed charge. Mr. Iannello's proposal would have customers paying |
| 11 | | for switching even though they may never switch. Thus, switching customers |
| 12 | | would be subsidized by non-switching customers. It is my understanding that the |
| 13 | | Commission does not advocate subsidies in any form. |
| 14 | | Additionally, I believe Mr. Iannello's concern about the \$10 fee and his reliance |
| 15 | | on the reported average profit margin for a Supplier on a residential customer as |
| 16 | | being \$25 versus a \$200 acquisition cost is misplaced in today's market. These |
| 17 | | numbers appear to be from a pre-1998 survey that neither Mr. Iannello nor Mr. |
| 18 | | Mierzwa has produced in response to Company data requests. Today's gas prices |
| 19 | | are much higher than in 1998, widening the possibility of additional margin. I |
| 20 | | believe the numbers reported by Mr. Iannello would be much different for the |
| 21 | | Nicor Gas service territory. Certainly, by expanding Customer Select to all 2 |

| l | | million Nicor Gas customers, the average customer acquisition cost for a Supplier |
|----|----|--|
| 2 | | should be greatly reduced. |
| 3 | Q. | What final comments do you have on Mr. Iannello's proposal to convert the \$10 |
| 4 | | Group Additions Charge to a \$0.04 increase in the Monthly Account Charge? |
| 5 | A. | I find it curious that Mr. Iannello proposes recovery of group addition related |
| 6 | | costs through the monthly account charge. This is in direct conflict with Mr. |
| 7 | | Sweatman's cost recovery standard by which he attempts to exclude recovery for |
| 8 | | a substantial portion of Customer Select costs. |
| 9 | Q. | Do you agree with Mr. Iannello's contention that fees and charges for Customer |
| 10 | | Select disadvantage Suppliers competing with Nicor Energy L.L.C. because |
| 11 | | revenues could be transferred from one sister company to another? |
| 12 | A. | No. First of all, Mr. Iannello may not be cognizant of the fact that Nicor Energy |
| 13 | | L.L.C. is a joint venture between Nicor Inc. and Dynegy. Therefore, there is not a |
| 14 | | dollar-for-dollar benefit retention for Nicor Inc. of any revenues transferred |
| 15 | | between Nicor Gas and Nicor Energy L.L.C. Second, Nicor Energy L.L.C. is a |
| 16 | | separate corporation with separate goals and objectives from those of Nicor Gas. |
| 17 | | This is simply a speculative opinion of both Mr. Iannello and Mr. Mierzwa. |
| 18 | Q. | Mr. Iannello states at lines 119 and 120 that he does not expect taxing bodies to |
| 19 | | ignore the fact that their tax revenues are shrinking and therefore they would do |
| 20 | | something to offset the loss. Do you agree with Mr. Iannello? |
| 21 | A. | Intuitively, one would expect Mr. Iannello to be correct. However, the facts do |

not support his conclusion. Transportation service has been available to all Nicor

Gas commercial and industrial customers since 1987, and over one-half of the 1 2 Company's throughput is transportation gas for customers. In spite of this great increase in transportation, only eight municipalities have revised their tax 3 ordinances to tax transportation gas (through imposition of use taxes), while 211 4 5 municipalities have made no adjustments. Likewise, the State of Illinois and the 6 Illinois Commerce Commission have not enacted tax rule changes for transportation customers, and all Nicor Gas customers save these taxes if they 7 8 transport their own gas supplies. Therefore, Mr. Iannello's expectations, while 9 logical on the surface, are not supported by the facts. What is your response to Mr. Iannello's comments relative to Nicor Gas having 10 Q. 11 significant economies of scale in supply purchasing and capacity management? As mentioned above, Nicor Gas only provides half the gas supplies transported on 12 A. 13 its system and therefore has experienced a significant loss, if it ever had any, in economies of scale for gas purchases. Essentially, in today's competitive gas 14 15 market, Nicor Gas pays the same for gas commodity as any other customer in the 16 Chicago area because anyone can buy gas at the Chicago citygate index price as published in several industry news reports. This would be Nicor Gas' marginal 17 gas cost, just as it would be for any marketer, broker or customer. Basically, there 18 are no longer, if there ever were, economies of scale in gas commodity purchasing 19 20 due to the liquidity of the gas market in the Chicago area.

| I | Q. | Do you have any comments concerning the issue of a customer's responsibility |
|----|----|--|
| 2 | | for paying gas supply costs originally charged to a Supplier but for which the |
| 3 | | Supplier does not pay? |
| 4 | A. | Yes. The Company would be willing to remove the tariff provision on this item |
| 5 | | and attempt to collect charges directly from the Supplier. However, this position |
| 6 | | would require the Company to be even more diligent in tracking Suppliers' |
| 7 | | payments and gas deliveries and may require the Company to remove a Supplier |
| 8 | | for failure to pay its bills, to the possible detriment of customers, earlier than |
| 9 | , | under the proposed provisions. |
| 10 | Q. | What specific issues addressed by Mr. Mierzwa do you wish to comment upon? |
| 11 | A. | Mr. Mierzwa touches on several of the same topics as Mr. Iannello and Mr. |
| 12 | | Sweatman. These include the purported level of profit margin for a Supplier, the |
| 13 | | competitiveness of the gas industry versus Customer Select, charges as being |
| 14 | | barriers to entry to Customer Select, issuing a single bill, potential reduced |
| 15 | | Company costs, and alleged benefits Nicor Energy L.L.C. may have over other |
| 16 | | Suppliers. I have already discussed many of these topics above and have only a |
| 17 | | few additional comments. |
| 18 | | First, Mr. Mierzwa uses the same unknown industry survey reporting an average |
| 19 | | acquisition cost of \$200 per customer and a \$25 margin per customer as cited by |
| 20 | | Mr. Iannello. However, Mr. Iannello and Mr. Mierzwa have been unable to |
| 21 | | provide to the Company the original survey to support the claim. Moreover, |

| 1 | assuming the survey exists, it has no relation to comparable amounts for the Nicor |
|----|--|
| 2 | Gas service territory and Customer Select. |
| 3 | Second, as stated above, Nicor Energy L.L.C. is a separate company from Nicor |
| 4 | Gas and is a joint venture with a third company. Therefore, a transfer of revenue |
| 5 | between Nicor Gas and Nicor Energy L.L.C., if one would take place and no one |
| 6 | in this case has even alleged that such transfer has happened, is not "All in the |
| 7 | Family". |
| 8 | Third, with respect to potential decreases in costs, it appears that Mr. Mierzwa has |
| 9 | only found one such cost, that of reduced carrying costs for storage volumes. |
| 10 | However, Mr. Mierzwa's calculation of the carrying costs for storage continues to |
| 11 | be incorrect, as I explained in my rebuttal testimony. Additionally, Mr. |
| 12 | Mierzwa's argument that Nicor Gas' current base rates are deemed adequate to |
| 13 | recover current costs until the Commission finds otherwise is misleading. I am |
| 14 | sure that Pacific Gas and Electric and Southern California Edison, now facing |
| 15 | bankruptcy, do not believe their current rates are adequate to recover all their |
| 16 | costs simply because the California Public Utility Commission has not increased |
| 17 | their rates. |
| 18 | As far as the argument that such a proposal by Mr. Mierzwa is single-issue |
| 19 | ratemaking, I have included as Surrebuttal Exhibit AEH-3 a response to CUB's |
| 20 | data request 5.3 which states my position on what is single-issue ratemaking. |
| 21 | Again, the Company is not proposing to change any of its current Customer Select |
| 22 | charges. |
| | |

| 1 | Q. | Mr. Mierzwa continues to argue that Customer Select is structured to give Nicor |
|----|----|---|
| 2 | | Energy L.L.C. competitive advantages. Is that true? |
| 3 | A. | No. Mr. Mierzwa's claim of one Supplier being favored over other Suppliers is |
| 4 | | wrong. In fact, Mr. Mierzwa has not provided any evidence to support this |
| 5 | | speculative opinion. With respect to data request JDM-21 at page 10 of his |
| 6 | | rebuttal testimony, Mr. Mierzwa attempts to mislead the reader into believing that |
| 7 | | the Company has violated its own Standards of Conduct for the benefit of Nicor |
| 8 | | Energy L.L.C. A fair reading of the Company's response to CUB data request 3.2 |
| 9 | | (GCI Exhibit 3.2), however, shows that Nicor Gas follows and enforces its own |
| 10 | | Standards of Conduct. There is simply no evidence that Nicor Gas has violated |
| 11 | | its own Standards of Conduct. |
| 12 | Q. | Mr. Mierzwa claims Nicor Gas gives preferential treatment to Nicor Energy |
| 13 | | L.L.C. through the transfer of employees. Please respond. |
| 14 | A. | Mr. Mierzwa apparently fails to recognize the fact that non-affiliated suppliers |
| 15 | | have access to Nicor Gas personnel just as Nicor Energy L.L.C. does. As I |
| 16 | | pointed out in my rebuttal testimony, former Nicor Gas employees are working |
| 17 | | for many marketers, brokers and suppliers. In fact, when a Nicor Gas employee |
| 18 | | accepts a job at Nicor Energy L.L.C., which in any event has not happened for |
| 19 | | over three years, it is the same as accepting a job at any non-affiliated company. |
| 20 | | Nicor Energy has a different location, different salary structure, different benefits |
| 21 | | and different job descriptions. Any employee changing jobs between the |
| 22 | | companies completely severs ties with the former company. |

| I | | Additionally, Mr. Mierzwa overstates these employees' impact on Nicor Energy |
|----|----|---|
| 2 | | L.L.C.'s success with Customer Select. The fact of the matter is that only two of |
| 3 | | the eight former Nicor Gas employees have had anything to do with Nicor Gas' |
| 4 | | traditional non-Customer Select transportation services. The other six are |
| 5 | | accountants by background and job experience at Nicor Gas. I fail to see how |
| 6 | | these accountants could be deemed to have translated their skills into Nicor |
| 7 | | Energy L.L.C.'s market share. |
| 8 | | Finally, Mr. Mierzwa provides no support for his claim on page 11 that Nicor |
| 9 | | Energy's ability to attract Nicor Gas employees is greater than that of other |
| 10 | | suppliers. I am totally in the dark as to how Mr. Mierzwa would know all the job |
| 11 | | offers made to the many individual employees at Nicor Gas that have switched |
| 12 | | jobs to marketers, brokers and suppliers so that such a claim could reasonably be |
| 13 | | made. |
| 14 | Q. | Mr. Mierzwa claims that under Customer Select workable competition does not |
| 15 | | exist. Please comment. |
| 16 | A. | I have responded to Mr. Mierzwa's claim in my rebuttal testimony. I would only |
| 17 | | point out that this issue was extensively argued in proceedings relating to affiliate |
| 18 | | transactions with electric utilities in Docket Nos. 98-0013 and 98-0035 |
| 19 | | Consolidated. In that case, Dr. Kevin Murphy testified that, "If entry is |
| 20 | | sufficiently easy, an industry could be vigorously competitive with only a single |
| 21 | | firm" (Rebuttal testimony page 6, line 1-3). I agree with Dr. Murphy and |
| 22 | | continue to believe that there is competition in Customer Select. |

- 1 Q. GCI witness Alexander continues to advocate that the Company needs to do much
- 2 more in the way of consumer education. Do you agree?
- 3 A. I agree with Ms. Alexander that consumer education is important. It should be the
- 4 common goal of all the participants in Customer Select to provide educational
- 5 materials and training to customers that are interested. Knowledgeable customers
- 6 will encourage development of new products and services.
- 7 Q. Mr. Iannello's rebuttal testimony addresses the direct testimony of GCI witness
- 8 Alexander. Specifically, he recommends at page 18, lines 355 through 357 that a
- 9 workshop be set up to address the consumer education issues Ms. Alexander
- addressed. Does the Company agree that such a workshop could be useful?
- 11 A. Yes. As I stated in my rebuttal testimony, Nicor Gas is not categorically opposed
- to Ms. Alexander's recommendations concerning customer education. The
- 13 Company believes that a workshop concerning customer education would be
- appropriate, and Nicor Gas would be willing to host such a workshop at the
- 15 conclusion of these proceedings. However, the Company continues to have
- difficulty reconciling Ms. Alexander's beliefs that Nicor Gas must do
- substantially more in consumer education when her fellow witness, Mr. Mierzwa,
- is against any recovery of costs. Of course, the Company is willing to work with
- other participants to develop educational materials, but only to the extent it has
- budgeted.
- 21 Q. Ms. Alexander has raised the issue of a potential lack of consumer protection in
- the Customer Select program. Do you share her concerns?

1 First, Ms. Alexander weaves into her testimony a claim that consumer protection A. 2 is more important in the natural gas industry than other industries because, "the 3 lack of home heating has significant health and safety impacts" (Rebuttal page 4. 4 lines 14-15). This implies that an unreliable supplier results in a customer having 5 no gas service. This is simply not true. The Company has designed Customer 6 Select in a manner that assures that all customers will receive required gas 7 supplies. As such, consumer protection issues cannot be directly tied to a 8 customer's reliability of service. 9 Of course, Nicor Gas is aware that in any industry there is the potential for some 10 consumers to be taken advantage of. It happens every day in every industry and, 11 in that respect the natural gas industry is no different than any other. However, 12 speaking as a non-attorney, I would certainly think that all natural gas customers 13 have access to existing consumer protection laws. If a customer has a problem 14 with a Supplier it can seek a correction either through the complaint procedures of 15 the Commission or through the court system. Since these protections already 16 exist, any additional protections that Ms. Alexander suggests that are specific to 17 the natural gas industry should be considered for all utilities and not just the 18 Customer Select program. Accordingly, generic hearings and workshops are 19 more appropriate for consideration of these issues. 20 Q. Ms. Alexander refers to complaints that CUB and the Illinois Attorney General 21 have received concerning Customer Select. Do you having any comments on 22 these complaints?

| 1 | A. | Yes. Both CUB and the Attorney General's Office have submitted complaints |
|----|----|--|
| 2 | | they have received concerning Customer Select. CUB has attached exhibits to |
| 3 | | 87 Mr. Cohen's testimony of ¾ alleged complaints, and Mr. Hurley has attached |
| 4 | | three complaints to his testimony. However, in reviewing Mr. Cohen's |
| 5 | ٠ | attachments to his testimony, it appears to me that 29 items are not complaints but |
| 6 | | simply requests for information on Customer Select, whereas the other items |
| 7 | | can be considered complaints. One complaint is against CUB and X are related |
| 8 | | to activities under Customer Select. |
| 9 | | I believe the Commission needs to consider these X complaints in the context of |
| 10 | | the entire program. Over 110,000 customers participate in Customer Select and, |
| 11 | | as of the end of 2000, the Company has issued about 1.7 million bills. In the first |
| 12 | | year of the program, 150,000 customers were solicited by Suppliers to sign-up. In |
| 13 | | year two, 235,000 customers were eligible, and in years three and four, 440,000 |
| 14 | | customers were eligible. Assuming two contacts per customer, over 2.5 million |
| 15 | | contacts have resulted in M complaints. Viewed in this context, it is rather |
| 16 | | amazing that there are so few complaints. While the Company would, of course, |
| 17 | | prefer that there be no complaints, the minimal number of complaints shows that |
| 18 | | the Company has designed a good program. |
| 19 | Q. | What comment do you have on Ms. Alexander's statement that it is unlikely that |
| 20 | | Nicor Gas would police the advertising and conduct of Suppliers? |
| 21 | A. | I believe she is correct to a certain extent. The Company does not view itself as |
| 22 | | an omnipresent force that could or would oversee every nook and cranny of the |

| 1 | | industry. Rather, Nicor Gas would react in a timely and efficient manner to assist |
|----|----|---|
| 2 | | any customer with a valid complaint. However, as in any competitive industry, |
| 3 | | the Company believes that it is generally appropriate to rely on the market to |
| 4 | | weed out any Suppliers that are unethical or do not perform as required. In |
| 5 | | addition, the Company lacks the ability to force other companies to take particular |
| 6 | | actions. Other than removing Suppliers from the program for not complying with |
| 7 | | the Standards of Conduct, the Company's enforcement role is limited. |
| 8 | Q. | Ms. Alexander stresses the actions taken in other states such as Pennsylvania and |
| 9 | | Ohio to protect consumers and suggests that Illinois should follow suit. What |
| 10 | | comments do you have on this issue? |
| 11 | A. | I find it interesting that at page 10 of her rebuttal testimony she lists problems that |
| 12 | | consumers in these states are facing in spite of all these alleged consumer |
| 13 | | protections. In addition, at line 8 on page 10, she concludes that recent |
| 14 | | experiences in those states would "indicate the need for more, not less, consumer |
| 15 | | protection and oversight by state regulatory commissions". Obviously, as shown |
| 16 | | by recent events, the market is going to override the best intentions of mere |
| 17 | | mortals. |
| 18 | Q. | Ms. Alexander's final issue in her rebuttal testimony concerns the issue of |
| 19 | | whether or not third parties should be allowed to issue bills that include the |
| 20 | | utility's charges. What comments do you have on this issue? |

| 1 | A. | Nicor Gas currently opposes allowing any other entity to issue a bill for its |
|----|----|---|
| 2 | | charges under Customer Select. For the most part, Ms. Alexander has highlighted |
| 3 | | concerns that are shared by Nicor Gas. |
| 4 | Q. | Staff witness Schlaf also addresses the single bill issue. What comments do you |
| 5 | | have on Dr. Schlaf's testimony? |
| 6 | Å. | Not having been involved in the electric deregulation cases, Dr. Schlaf has |
| 7 | | thoroughly confused me with his description of the rules or absence of rules in the |
| 8 | | electric business. It appears to me that, throughout his testimony, he is mixing |
| 9 | | and matching single billing through a Single Bill Option (SBO) tariff, a Retail |
| 0 | | Energy Supplier (RES) account agent and a non-RES account agent to coincide |
| 1 | | with the argument he is attempting to make. |
| 2 | | However, before I respond to Dr. Schlaf's many recommendations, I wish to point |
| 3 | | out that the numerous single billing rules and regulations that apply in the electric |
| 4 | | industry in Illinois that Dr. Schlaf holds up as the standard have not yet reached |
| .5 | | the residential level. Not one electric supplier has issued a bill for electric service |
| 6 | | to one residential customer. Gas utilities in Illinois, on the other hand, have |
| 7 | | successfully dealt with single billing for large and small commercial and |
| 8 | | industrial customers for many years without regulation by the Commission. The |
| 9 | | market evolved in a manner where it became appropriate to have Suppliers bill |
| 20 | | large commercial and industrial customers, and the same may ultimately happen |
| 21 | | with residential customers. But that remains to be seen. |

I would also like to point out that many of the recommendations of Dr. Schlaf 1 2 would increase the operating costs of Customer Select for both the Company and 3 Suppliers. As an example, Dr. Schlaf recommends on page 4 that Suppliers operating in the program obtain switching authorization from customers by means 4 5 of a document that is similar to the Letter of Agency required by suppliers selling power to electric customers. However, the success of Customer Select has been 6 significantly enhanced by the paperless, electronic signup process. Requiring a 7 8 Letter of Agency document would negate the electronic process and increase 9 costs to both the Company and Suppliers. Any incremental costs to the Company should be passed through to the Supplier in the Monthly Account Charge. A 10 11 Letter of Agency document would make the signup process more cumbersome for Suppliers and increase their acquisition costs, resulting in lower profit margins. 12 13 Dr. Schlaf's position would appear to be in conflict with that expressed by Staff witnesses Iannello and Sweatman, who argue that such costs are barriers to entry 14 15 in the program. Dr. Schlaf makes a comparison between single-billing services offered by electric 16 Q. utilities, as required by law, and those available to "account agents". What is 17 18 your understanding of single-billing offered by electric utilities? It is my understanding that "The Electric Customer Choice and Rate Relief Law 19 Α. 20 of 1997" requires each electric utility under Commission jurisdiction to offer a 21 single-billing option ("SBO"). This provision does not, however, apply to gas 22 utilities, so I believe it is beside the point.

15

16

17

18

19

20

21

22

500.330.

Q.

What is your understanding on how an "account agent" can offer a single-billing

| 2 | | service to its customers? |
|----|------------|---|
| 3 | A. | An alternative retail supplier, by acting as the agent for the customer, is entitled to |
| 4 | | receive the customer's bill. The account agent takes the utility's charges from this |
| 5 | | bill, adds its own charges and then sends the final bill to the customer. |
| 6 | Q. | Are you surprised by Dr. Schlaf's statement on page 5 that only two, possibly |
| 7 | | three alternative electric suppliers are offering single billing, SBO, services? |
| 8 | A. | No. Given that an alternative electric supplier can avoid significant costs by |
| 9 | , | acting as an agent instead of using the utility's SBO rate, it is certainly not |
| 10 | | surprising that few alternative electric suppliers offer a single-billing service |
| 11 | | under an SBO. |
| 12 | Q. | What is your opinion of allowing account agents to bill Customer Select charges? |
| 13 | A . | The Company's proposed tariffs do not allow a participant in Customer Select to |
| 14 | | designate a Supplier to receive its bill. As Dr. Schlaf's testimony shows, doing so |
| | | |

I believe all the parties to this proceeding would agree that the bill is the most important communication tool the utility has to directly contact the customer.

That is precisely why Suppliers want to do the billing. However, the account agent can circumvent all the Commission's rules concerning billing because they are inapplicable. By acting as the account agent, a Supplier minimizes the costs

would allow the Supplier to avoid informing the customer of the information that

Nicor Gas is required to provide under 83 Illinois Administrative Code, Part

| 1 | | of providing a combined bill but is not required to provide Commission required |
|----|----|--|
| 2 | | information. |
| 3 | Q. | On pages 7 and 8 of his testimony, Dr. Schlaf discusses the number of customers |
| 4 | | using agents and why Suppliers operate as agents. Do you have any comments? |
| 5 | A. | I would like to stress that the percentages of customers using agents are for non- |
| 6 | | residential customers and agency may not be an appropriate way to handle large |
| 7 | | volumes of small customers, which are the object of Customer Select. |
| 8 | | As to Dr. Schlaf's second reason for suppliers operating as agents to relieve the |
| 9 | | burden of figuring out how to navigate through the deregulated energy market, |
| 0 | | that rationale would appear to be relevant for electric customers but not natural |
| 1 | | gas customers. As I have previously stated, the natural gas market has been |
| 2 | | deregulated for many years and it is quite simple to find a supplier and purchase |
| 3 | | gas. In fact, over 15,000 Nicor Gas customers are still on the Company's |
| 4 | | traditional transportation service tariffs benefiting from open access |
| 5 | | transportation. |
| 6 | Q. | Do you disagree with Dr. Schlaf's three reasons for suppliers to offer single |
| 7 | | billing services? |
| 8 | A. | I would tend to agree with the first reason, that some customers may want single |
| 9 | | billing. However, I do not believe that they necessarily want the combined bill t |
| 20 | | come from the Supplier. They may prefer to have the combined bill come from |
| 1 | | the utility. |

I would also agree with his second reason that Suppliers want to be the single 1 2 point of contact with the customer. 3 Unfortunately, I cannot agree with his third reason because I don't see how single-billing allows Suppliers to develop innovative pricing offers. Even Dr. 4 5 Schlaf's examples have nothing to do with pricing offers but simply "bundling" or combining one charge with another. In my opinion, innovative pricing offers 6 would be various types of fixed pricing, variable pricing, and budget programs 7 which a Supplier can offer irrespective on how the bill is formatted. 8 Why is it appropriate that Suppliers participating in Customer Select not be 9 Q. 10 allowed to act as account agents? Dr. Schlaf correctly points out that traditional transportation customers can 11 A. appoint an account agent and in that manner receive a combined bill. However, 12 13 this option is only available to non-residential customers. The Company is 14 proposing to expand Customer Select to all 1.8 million residential customers. Allowing Suppliers to act as account agents for this many customers would result 15 in the Company and the Commission losing contact with them, or at least having 16 17 far less contact. For residential and small commercial customers, the loss of 18 contact with the Company cannot be permitted to happen. The safety of 19 customers is dependent on them knowing who to call in an emergency. Gas safety issues are distinct from electric safety issues and many times require a 20 21 prompt response by the Company. Any delay in responding to a customer's call 22 where a gas leak is involved could have severe consequences. The utility losing

| 1 | | contact with the customer could result in leak and emergency calls being |
|----|----|---|
| 2 | | misdirected to their Supplier, which could delay or even eliminate a utility |
| 3 | | response. When customers become more familiar with Customer Select and |
| 4 | | understand that Nicor Gas is the entity to call in an emergency, the Company |
| 5 | | would then consider allowing Suppliers to issue our bill. However, now is not the |
| 6 | | time. |
| 7 | Q. | Would you comment on Dr. Schlaf's discussion of the ten reasons you stated in |
| 8 | | your rebuttal testimony for not offering single billing by Suppliers? |
| 9 | A. | Yes. It is unclear which of Dr. Schlaf's responses are related to single billing |
| 10 | | under an SBO, RES account agency or non-RES account agency when he refers |
| 11 | | to the electric industry. I will only comment based on account agency as RES and |
| 12 | | non-RES have no bearing on gas utility Suppliers. I still believe each reason I |
| 13 | | gave supports not allowing a Supplier to single bill under Customer Select. My |
| 14 | | comments for each reason are as follows: |
| 15 | | 1) I believe Dr. Schlaf's testimony actually supports my view that the |
| 16 | | Company would not be able to comply with Parts 280 and 500 because Suppliers |
| 17 | | would be offering single billing as account agents. As an account agent, the |
| 18 | | Commission cannot control what is or is not communicated to the customer. |
| 19 | 2) | Dr. Schlaf's reliance on the electric industry's minimal experience with |
| 20 | | deregulation and even less experience with single billing services cannot |
| 21 | | reasonably offset the fact that, with one Supplier responsible for thousands of |
| | | |

customers, Nicor Gas' credit risk would be increased.

- Dr. Schlaf points out that determining how various types of payments are 3) handled can result in costly investments by Nicor Gas and Suppliers. Nicor Gas' response to this would increase program costs and costs for Suppliers. Thus, Dr. Schlaf is encouraging adding costs, while other Staff witnesses support positions designed to decrease costs to reduce alleged barriers to entry. Dr. Schlaf also 6 acknowledges, "the larger the volume of customers, the more difficult the administrative burdens". Participation in Customer Select already exceeds participation in electric choice programs for the entire state of Illinois.
 - 4) Again Dr. Schlaf's proposal to have Nicor Gas periodically send a limited number of messages directly to customers would add to the cost of the program which, according to other Staff witnesses, would decrease competition and raise barriers to entry. Moreover, there is no requirement for Suppliers to forward Company communications to either residential or non-residential customers. I see no conflict with allowing non-Customer Select transportation customers to use account agents because these are non-residential customers.
 - Customer billing information is not used by the Supplier to determine and 5) manage supplies for the individual customer because the Company determines the daily nominations for the Supplier. This contrasts with non-Customer Select Suppliers who are responsible for determining how much gas to bring into the system for each customer each day.
 - 6) No comment.

2

3

4

5

7

8

9

10

11

12

13

14

15

16

17

18

19

20

- 7) Lacking the single-billing option has not hindered increased participation in *Customer Select*. Irrespective of which Suppliers or how many Suppliers there are serving the customers, there are more customers in *Customer Select* today than ever before. Dr. Schlaf's opinion that the virtually non-existent deregulated electric industry is a better model for allowing single billing service in this case rather than the highly competitive telephone industry is baseless.
 - 8) With respect to the cost of allowing single billing by Suppliers, the entire cost would be an incremental cost to Nicor Gas because Nicor Gas' single billing service is already operational.
 - 9) Allowing a Supplier to provide single billing would require significant programming time. With an order in this case anticipated in July, 2001, the Company's proposed implementation date of March, 2002 would in all likelihood not be achievable.
 - 10) The Company would need to consider increasing Supplier deposits if single billing by the Supplier were allowed. Again, Dr. Schlaf's proposal would increase Suppliers' costs, while the other Staff witnesses are arguing to decrease costs.

Finally, I would like to mention that, after investigation of The Peoples Gas Light and Coke Company's small volume transportation pilot program, the Commission found that it was not appropriate to order Peoples to allow single billing by Suppliers.

| 1 | Q. | Dr. Schlaf also recommended that Nicor Gas not supply a customer's credit |
|-----|----|---|
| 2 | | history and payment history as a part of its routine response to a Supplier's |
| 3 | | request for customer information. What is Nicor Gas' policy with respect to a |
| 4 | | customer's credit and payment history? |
| 5 | A. | Nicor Gas does not routinely provide this information. However, if the Supplier |
| 6 | | has authorization from the customer to receive this information from Nicor Gas, |
| 7 | | the Company will provide it for a fee. |
| 8 | Q. | Dr. Schlaf also recommends that Nicor Gas send notification letters to customers |
| 9 | | after receiving notices from Suppliers. What is the Company's position on |
| 10 | | notifying customers? |
| 11 | A. | Nicor Gas currently sends the notification to the customer the day after the |
| 12 | | Company receives the enrollment information from the Supplier. The Supplier |
| 13 | | may also be sending a notification to the customer. Nicor Gas intends to continue |
| 1 / | | to sand a notice for the foreseeable future, even though it is not a requirement of |

the proposed tariffs. However, the proposed tariff does require the Supplier to

also send a notice to the customer. The Company's intent is to eventually have

18 Q. Does this conclude your surrebuttal testimony?

only the Supplier send the notice.

19 A. Yes.

15

16

| 53,802,857.61 | | | | |
|------------------------------|---|---|-------------------------------------|-------------------------------------|
| 18,765,211.25 | | | | |
| 30,227,373.86 | | | | |
| 42,340,695.00 | | | | |
| | | | | |
| | | | | |
| | | | \$ | 200.00 |
| 88,431 | x \$ 1.00 | per customer | \$ | 88,431.00 |
| 0 | x \$ 10.00 | per customer | \$ | 0.00 |
| | ** | | \$ | 88,631.00 |
| 1 Derms | Rate per the | <u>m</u> | | |
| 42,340,695.00 | x \$ 0.0166 | | \$ | 702,855.54 |
| | x \$ 0.0000 | | \$ | 0.00 |
| 42,340,695.00 | x \$(0.0002) | | <u>\$</u> | (8,468.14) |
| | | • | \$ | 694,387.40 |
| | | | | |
| | | | \$ | 0.00 |
| | | | \$ | 0.00 |
| | | | \$ | 0.00 |
| | | | \$ | 0.00 |
| # of bills | Rate | | | |
| 100,489 | x \$ 0.50 | | \$ | 50,244.50 |
| - | | | \$ | 833,262.90 |
| Therms | Therms | Rate | | |
| 45,434,865,44 | | | | |
| 32,747,525.04 | | | | |
| | 12,687,340.40 | | | |
| 29,386,831.39 | • | | | |
| (42,340,695.00) | | | | |
| | | | | |
| | (12,953,863.61) | | | |
| | (266,523.21) | | _ | _ |
| | (266,523.21) (266,523.21) | (Applied to M | | - |
| | (266,523.21) (266,523.21) | (Applied to M \$ 0.8618 * | <u>\$</u> | 0.00 |
| Dollars/Therms | (266,523.21) (266,523.21) 0.00 x | | | - |
| Dollars/Therms | (266,523.21) (266,523.21) 0.00 x | | <u>\$</u> | 0,00 833,262.90 |
| Dollars/Therms \$ 833,262.90 | (266,523.21) (266,523.21) 0.00 x Rate x 0.050 | | \$ \$ \$ | 0,00 833,262.90 41,663.15 |
| Dollars/Therms | (266,523.21) (266,523.21) 0.00 x | | <u>\$</u> | 0,00 833,262.90 |
| | 30,227,373.86 42,340,695.00 Therms 42,340,695.00 42,340,695.00 42,340,695.00 42,340,695.00 Therms 45,434,865.44 32,747,525.04 | 30,227,373.86 42,340,695.00 Therms Rate per them 42,340,695.00 x \$ 0.0166 42,340,695.00 x \$ 0.0000 42,340,695.00 x \$ (0.0002) # of bills Rate 100,489 x \$ 0.50 Therms Therms 45,434,865.44 32,747,525.04 12,687,340.40 | 30,227,373.86 42,340,695.00 88,431 | 30,227,373.86 42,340,695.00 88,431 |

^{*} Daily Midpoint for each day identified by Gas Daily weighted by Company planned purchases for each day.

| Under-1 | | |
|---------|--|--|
| | | |

| | | | | | | Under-Delivery Non-Performance | | | | |
|-----------|----------------------|------------------------|--------------------------|------|------------------|--------------------------------|----------|---------|--------|--|
| | & | æ | | | • | - | | | | |
| Day | Actual Nomination | Req. Daily Delivery | Non-Perf. Over(Under) | Rate | Over Delivery | Non Critical Day | Gas Cost | Penalty | Total | |
| 1/ 1/2001 | 1,210,850.21 | 1,210,850.21 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/2/2001 | 1,097,946.29 | 1,097,946.29 | 0.00 | . # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/3/2001 | 1,007,623.15 | 1,007,623.15 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/4/2001 | 793,105.70 | 793,105.70 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/5/2001 | 985,042.37 | 985,042.37 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/6/2001 | 917,300.02 | 917,300.02 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/7/2001 | 962,461.58 | 962,461.58 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/8/2001 | 1,007,623.15 | 1,007,623.15 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/9/2001 | 928,590.41 | 928,590.41 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/10/2001 | 883,428.84 | 883,428.84 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/11/2001 | 860,848.06 | 860,848.06 | 0.00 | # . | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/12/2001 | 815,686.49 | 815,686.49 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/13/2001 | 793,105.70 | 793,105.70 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 14/2001 | 793,105.70 | 793,105.70 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 45/2001 | 793,105.70 | 793,105. 70 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/16/2001 | 951,171.19 | 951,171.19 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/17/2001 | 917,300.02 | 917,300.02 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/18/2001 | 939,880.80 | 939,880.80 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/19/2001 | 939,880.80 | 939,880.80 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/20/2001 | 883,428.84 | 883,428.84 | 0.00 | . # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/21/2001 | 883,428.84 | 883,428.84 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/22/2001 | 883,428.84 | 883,428.84 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/23/2001 | 860,848.06 | 860,848.06 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/24/2001 | 1,007,623.15 | 1,007,623.15 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/25/2001 | 917,300.02 | 917,300.02 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/26/2001 | 928,590.41 | 928,590.41 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/27/2001 | 951,171.19 | 951,171.1 9 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/28/2001 | 883,428.84 | 883,428.84 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/29/2001 | 849,557.66 | 849,557.66 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/30/2001 | 815,686.49 | 815,686.49 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| 1/31/2001 | 871,931.56 | 871,931.56 | 0.00 | # | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | |
| | 28,334,480.08 | 28,334,480.08 | | | \$ 0.00 | \$ 0.00 | \$ 0.00 | \$ 0.00 | \$ 0.0 | |

Carryover from November 1.052.351.31

Group Deliveries 29,386,831.39

[@] Critical Day 1 mmbtu = 10 therms

^{*} Underdelivery Price based on the higher of Rider 6 Gas Supply Cost or Market Price (defined in Terms and Conditions)

Overdelivery Price based on 100% of Gas Daily Chicago Citygate low price.

[#] Price based on Gas Daily Chicago Citygate

Overdelivery price at 0.9 times the low price, underdelivery at 1.1 times high price.

[&]amp; Unaccounted for adjustment is 1.48%

| Summary of Group Usage | | • | | | | | | |
|---|----|--------------|-----|-----|-------------------|--|-----------|----------|
| Total Group Metered/Estimated Usage | 31 | 3,099.79 | | - | | | | |
| Current Month Unbilled Usage | 18 | 3,247.56 | | | | | | |
| Reverse Prior Month Unbilled Usage | 20 | 5,492.75 | | | | | | |
| Total Group Usage | 29 | 9,854.60 | | | | | | |
| Summary of Charges | | | | | | | | |
| Group Charges | | | | | | | | |
| Monthly Group Charge | | | | | | | \$ | 200.00 |
| Account Charge | | 31 | x | \$ | 1.00 | per customer | \$ | 31.00 |
| Supplier Switching Charge | | 0 | X | \$ | 10.00 | per customer | \$ | 0.00 |
| Con County Observed | | Therms | 10 | | nen thes | ······································ | \$ | 231.00 |
| Gas Supply Charge | - | | | AIC | per ther | 1111 | | |
| Aggregator Balancing Service Charge (ABSC) | | 9,854.60 | | _ | 0.0166 | | \$ | 495,59 |
| Transition Surcharge (TS) | | 9,854.60 | | | 0.0000 | | \$ | 0.00 |
| Storage Service Cost Recovery Charge (SSCR) | 29 | 9,854.60 | X | 2(|).0002) | | <u>\$</u> | (5.97) |
| Total Gas Supply Charge | | | | | | | \$ | 489.62 |
| Non-Performance Charge | | | | | | | | |
| Underdelivery - Critical Day | | | | | | | \$ | 0.00 |
| - Non-Critical Day | | | | | | | \$ | 7,537.33 |
| Overdelivery - Non-Critical and Critical Days | | | | | | | \$ | 0.00 |
| Total Non-Performance Charge | | | | | | | \$ | 7,537.33 |
| Billing Service Charge | | # of bills | | Ra | te | | | |
| | | 31 | x S | 0.2 | 50 | | \$ | 15.50 |
| | | | ' | | | | <u>*</u> | 8,273.45 |
| | | Th | | ~ | L | D-4- | • | 0,273.43 |
| Cash-Out Amount | | Therms | _ | 11 | nerms | Rate | | |
| Storage balance beginning of month | | 33,194.69 | | | | | - | |
| End of month storage target | | 24,455.11 | | | | | | |
| Storage Credit/(Debit) | | | | 8, | 739.58 | | | |
| Group Deliveries | | 22,257,94 | | | | | | |
| Group Usage | | (29,854.60) | | - | | | | |
| Usage Credit/(Debit) | | | | | 596.66) 142.92 | | | |
| Usage/Storage Imbalance Imbalance carry-over (+/- 3,636) | | | | • | 142.92 | (Applied to M | ľamh : | nome) |
| Cash-out at established index | | • | • | 1, | | x \$ 0.8618 * | | 0,00 |
| Casa-out at Cabinsted Index | | , | | | 0.00 | X \$ 0.0010 | \$ | 8,273.45 |
| <u> Fax</u> | Do | ilars/Therms | | Rz | ite | | • | 0,275.75 |
| State Utility Tax | \$ | 8,273.45 | × | | 0.050 | | S | 413.67 |
| State Utility Fund Tax | \$ | 8,273,45 | x | | 0.001 | | \$ | 8.27 |
| Fotal Charges | | | | | | | <u></u> | 8,695.39 |
| | | | | | | | - | - , |

^{*} Daily Midpoint for each day identified by Gas Daily weighted by Company planned purchases for each day.

| | | - |
|----------------|---------------|-----|
| Under-Delivery | Non-Performen | CB. |

| 1/22001 | | | | | | | | | Class-Dativity (Not-Faire and Con- | | | | | | |
|--|-----------|-----------|----------------|----------|--------|---|---------|-------------|------------------------------------|--------------|---------|----|-------|--|--|
| Day Nomination Delivery Over(Under) Rate Delivery Day Gas Cost Penalty Total 1/12/2001 768.46 866.98 (98.52) 1.2540 # 0.00 123.54 0.00 0.00 0.00 1/2/2001 768.46 768.46 0.00 # 0.00 0.00 0.00 0.00 0.00 1/2/2001 689.64 689.64 0.00 # 0.00 0.00 0.00 0.00 0.00 1/4/2001 502.45 502.45 0.00 # 0.00 0.00 0.00 0.00 0.00 1/4/2001 502.45 669.94 (167.49) 1.0549 # 0.00 0.176.69 0.00 0.00 0.00 1/4/2001 325.12 610.82 (285.70) 1.1000 # 0.00 314.27 0.00 0.00 0.00 1/4/2001 325.12 650.23 (325.11) 1.1000 # 0.00 314.27 0.00 0.00 0.00 1/4/2001 325.12 659.64 (364.52) 1.1000 # 0.00 337.62 0.00 0.00 0.00 1/4/2001 325.12 659.64 (364.52) 1.1000 # 0.00 400.97 0.00 0.00 0.00 1/4/2001 325.15 650.23 (225.71) 1.1660 # 0.00 333.14 0.00 0.00 0.00 1/4/2001 295.56 581.27 (285.71) 1.1330 # 0.00 325.27 0.00 0.00 0.00 1/1/2/2001 275.86 551.56 (285.70) 1.1385 # 0.00 325.27 0.00 0.00 0.00 1/1/2/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.22 0.00 0.00 0.00 1/1/2/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.22 0.00 0.00 0.00 1/1/2/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.22 0.00 0.00 0.00 1/1/2/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.22 0.00 0.00 0.00 1/1/2/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.22 0.00 0.00 0.00 1/1/2/2001 236.45 582.16 (285.71) 1.0230 # 0.00 292.22 0.00 0.00 0.00 1/1/2/2001 236.45 581.27 (285.71) 0.8778 # 0.00 292.22 0.00 0.00 0.00 1/1/2/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/1/2/2001 295.56 581.27 (285.71) 0.8778 # 0.00 225.86 0.00 0.00 0.00 1/1/2/2001 295.56 610.82 (285. | Day | æ | Req. Daily | | | | | | Critical Day | | | | | | |
| 1/2/2001 768.46 768.46 0.00 # 0.00 0.00 0.00 0.00 0.00 0.00 1/3/2001 689.64 689.64 0.00 # 0.00 # 0.00 0.00 0.00 0.00 0.00 | | | | | Rate | | | | Gas Cost | F | Penalty | | Total | | |
| 1/3/2001 | 1/ 1/2001 | 768.46 | 866.98 | (98.52) | 1.2540 | # | 0.00 | 123.54 | 0.00 | - | 0.00 | - | 0.0 | | |
| 1/4/2001 502.45 502.45 0.00 # 0.00 0.00 0.00 0.00 0.00 0.00 1/1/2001 502.45 669.94 (167.49) 1.0549 # 0.00 176.69 0.00 0.00 0.00 0.00 1/1/2001 325.12 650.23 (325.11) 1.1000 # 0.00 314.27 0.00 0.00 0.00 1/1/2001 325.12 650.23 (325.11) 1.1000 # 0.00 357.62 0.00 0.00 0.00 1/1/2001 325.12 689.64 (364.52) 1.1000 # 0.00 357.62 0.00 0.00 0.00 1/1/2001 325.12 689.64 (364.52) 1.1000 # 0.00 333.14 0.00 0.00 0.00 1/1/2001 334.97 620.68 (285.71) 1.1660 # 0.00 333.14 0.00 0.00 0.00 0.01 1/1/2001 295.56 581.27 (285.71) 1.1335 # 0.00 323.71 0.00 0.00 0.00 1/1/2001 275.86 561.56 (285.70) 1.1385 # 0.00 325.27 0.00 0.00 0.00 1/1/2001 236.45 522.16 (285.71) 1.0384 # 0.00 296.68 0.00 0.00 0.00 1/1/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 1/1/3001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 1/1/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 1/1/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 1/1/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 1/1/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 1/1/2001 325.12 610.82 (285.70) 0.9515 # 0.00 271.84 0.00 0.00 0.00 1/1/2001 325.12 610.82 (285.70) 0.9515 # 0.00 271.84 0.00 0.00 0.00 1/1/2001 394.08 630.33 (285.71) 0.8565 # 0.00 250.880 0.00 0.00 0.00 0.01 1/202001 295.56 581.27 (285.71) 0.8778 # 0.00 250.880 0.00 0.00 0.00 0.01 1/202001 295.56 581.27 (285.71) 0.8778 # 0.00 250.880 0.00 0.00 0.00 0.01 1/202001 295.56 581.27 (285.71) 0.8778 # 0.00 250.880 0.00 0.00 0.00 0.01 1/202001 295.56 581.27 (285.71) 0.8778 # 0.00 250.880 0.00 0.00 0.00 0.01 1/202001 295.56 581.27 (285.71) 0.8778 # 0.00 250.880 0.00 0.00 0.00 0.00 1/202001 295.56 581.27 (285.71) 0.8778 # 0.00 250.880 0.00 0.00 0.00 0.00 1/202001 295.56 581.27 (285.71) 0.8778 # 0.00 250.880 0.00 0.00 0.00 0.00 1/202001 295.56 581.27 (285.71) 0.8778 # 0.00 250.880 0.00 0.00 0.00 0.00 1/202001 295.56 581.27 (285.71) 0.8052 # 0.00 250.880 0.00 0.00 0.00 0.00 1/202001 295.56 581.27 (285.71) 0.8052 # 0.00 250.885 0.00 0.00 0.00 0.00 0.00 0 | 1/2/2001 | 768.46 | 76 8.46 | 0.00 | 4 | # | 0.00 | 0.00 | 0.00 |) | 0.00 | | 0.0 | | |
| 17 5/2001 502.45 669.94 (167.49) 1.0549 # 0.00 176.69 0.00 0.00 0.00 176.69 1.00 0.00 176.69 1.00 0.00 0.00 176.69 1.00 0.00 0.00 0.00 176.00 1.00 0.00 0.00 0.00 0.00 0.00 0.00 | 1/3/2001 | 689.64 | 689.64 | 0.00 | | # | 0.00 | 0.00 | 0.00 |) | 0.00 | | 0.0 | | |
| 1/62001 325.12 610.82 (285.70) 1.1000 8 0.00 314.27 0.00 0.00 0.01 1/72001 325.12 650.23 (325.11) 1.1000 8 0.00 357.62 0.00 0.00 0.01 1/72001 325.12 689.64 (364.52) 1.1000 8 0.00 400.97 0.00 0.00 0.01 1/72001 325.12 689.64 (364.52) 1.1000 8 0.00 400.97 0.00 0.00 0.01 1/72001 325.12 689.64 (285.71) 1.1660 8 0.00 333.14 0.00 0.00 0.01 1/72001 295.56 581.27 (285.71) 1.1330 8 0.00 323.71 0.00 0.00 0.00 0.1 1/72001 275.86 561.56 (285.70) 1.1385 8 0.00 325.27 0.00 0.00 0.01 1/722001 236.45 522.16 (285.71) 1.0344 8 0.00 296.68 0.00 0.00 0.01 1/722001 216.74 502.45 (285.71) 1.0230 8 0.00 292.28 0.00 0.00 0.00 0.1 1/722001 216.74 502.45 (285.71) 1.0230 8 0.00 292.28 0.00 0.00 0.00 0.1 1/722001 216.74 502.45 (285.71) 1.0230 8 0.00 292.28 0.00 0.00 0.00 0.1 1/722001 216.74 502.45 (285.71) 1.0230 8 0.00 292.28 0.00 0.00 0.00 0.1 1/722001 216.74 502.45 (285.71) 1.0230 8 0.00 292.28 0.00 0.00 0.00 0.1 1/722001 216.74 600.38 (423.64) 1.0230 8 0.00 292.28 0.00 0.00 0.00 0.1 1/722001 325.12 610.82 (285.71) 0.8965 8 0.00 271.84 0.00 0.00 0.00 0.1 1/722001 394.08 630.53 (285.71) 0.8965 8 0.00 271.84 0.00 0.00 0.00 0.1 1/222001 295.56 581.27 (285.71) 0.8762 8 0.00 250.80 0.00 0.00 0.00 0.1 1/222001 295.56 581.27 (285.71) 0.8772 8 0.00 250.80 0.00 0.00 0.00 0.1 1/222001 295.56 581.27 (285.71) 0.8772 8 0.00 250.80 0.00 0.00 0.00 0.1 1/222001 295.56 581.27 (285.71) 0.8963 0.00 250.80 0.00 0.00 0.00 0.1 1/222001 295.56 561.56 (285.71) 0.8963 0.00 230.85 0.00 0.00 0.00 0.1 1/222001 295.56 610.82 (315.26) 0.7877 8 0.00 230.85 0.00 0.00 0. | 1/4/2001 | 502.45 | 502,45 | 0.00 | | # | 0.00 | 0.00 | 0.00 |) | 0.00 | | 0.0 | | |
| 11/7/2001 325.12 650.23 (325.11) 1.1000 # 0.00 357.62 0.00 0.00 0.01 1/1/2001 325.12 689.64 (364.52) 1.1000 # 0.00 400.97 0.00 0.00 0.01 1/1/2001 334.97 620.68 (285.71) 1.1660 # 0.00 333.14 0.00 0.00 0.01 1/1/2001 295.56 581.27 (285.71) 1.135 # 0.00 325.27 0.00 0.00 0.01 1/1/2001 275.86 561.56 (285.70) 1.1385 # 0.00 325.27 0.00 0.00 0.01 1/1/2001 275.86 561.56 (285.70) 1.1385 # 0.00 325.27 0.00 0.00 0.01 1/1/2001 236.45 522.16 (285.71) 1.0384 # 0.00 296.68 0.00 0.00 0.00 1/1/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 1/1/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.01 1/1/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.01 1/1/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.01 1/1/2001 216.74 640.38 (423.64) 1.0230 # 0.00 292.28 0.00 0.00 0.00 1/1/2001 325.12 610.82 (285.71) 1.0230 # 0.00 271.84 0.00 0.00 0.00 1/1/2001 344.82 630.53 (285.71) 0.9515 # 0.00 271.84 0.00 0.00 0.00 1/1/20001 394.08 630.53 (236.45) 0.8250 # 0.00 250.80 0.00 0.00 0.00 1/1/20001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/1/20001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 0.1/22/2001 295.56 661.56 (285.70) 0.8800 # 0.00 250.80 0.00 0.00 0.00 0.1/22/2001 295.56 661.56 (285.70) 0.8800 # 0.00 250.80 0.00 0.00 0.00 0.1/22/2001 295.56 661.82 (315.26) 0.7887 # 0.00 246.65 0.00 0.00 0.00 0.01/22/2001 295.56 661.82 (315.26) 0.7887 # 0.00 246.65 0.00 0.00 0.00 0.01/22/2001 295.56 660.82 (325.71) 0.8063 # 0.00 246.65 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 1/ 5/2001 | 502.45 | 669.94 | (167.49) | 1.0549 | # | 0.00 | 176.69 | 0.00 |) | 0.00 | | 0.0 | | |
| 1/2700 325.12 689.64 (364.52) 1.1000 0.00 400.97 0.00 0.00 0.01 1/2700 334.97 620.68 (285.71) 1.1660 0.00 333.14 0.00 0.00 0.01 1/10/200 295.56 581.27 (285.71) 1.1330 0.00 323.71 0.00 0.00 0.01 1/11/200 275.86 561.56 (285.70) 1.1385 0.00 325.27 0.00 0.00 0.01 1/12/200 236.45 522.16 (285.71) 1.0384 0.00 296.68 0.00 0.00 0.01 1/12/200 216.74 502.45 (285.71) 1.0384 0.00 292.28 0.00 0.00 0.01 1/13/200 216.74 502.45 (285.71) 1.0230 0.00 292.28 0.00 0.00 0.01 1/13/200 216.74 502.45 (285.71) 1.0230 0.00 292.28 0.00 0.00 0.01 1/16/200 216.74 640.38 (423.64) 1.0230 0.00 433.38 0.00 0.00 0.01 1/17/200 325.12 610.82 (285.70) 0.9515 0.00 271.84 0.00 0.00 0.01 1/18/2001 344.82 630.53 (236.45) 0.8250 0.00 256.14 0.00 0.00 0.01 1/19/2001 394.08 630.53 (236.45) 0.8250 0.00 250.80 0.00 0.00 0.01 1/12/2001 295.56 581.27 (285.71) 0.8778 0.00 250.80 0.00 0.00 0.01 1/12/2001 295.56 581.27 (285.71) 0.8778 0.00 250.80 0.00 0.00 0.01 1/12/2001 295.56 581.27 (285.71) 0.8778 0.00 230.80 0.00 0.00 0.00 1/12/2001 295.56 581.27 (285.71) 0.8778 0.00 230.80 0.00 0.00 0.00 1/12/2001 295.56 581.27 (285.71) 0.8778 0.00 230.85 0.00 0.00 0.00 1/12/2001 295.56 581.27 (285.71) 0.8778 0.00 230.85 0.00 0.00 0.00 1/12/2001 295.56 581.27 (285.71) 0.8768 0.00 230.85 0.00 0.00 0.00 1/12/2001 295.56 581.27 (285.71) 0.8768 0.00 230.85 0.00 0.00 0.00 1/12/2001 295.56 581.27 (285.71) 0.8768 0.00 230.85 0.00 0.00 0.00 1/12/2001 295.56 581.27 (285.71) 0.8768 0.00 230.85 0.00 0.00 0.00 1/12/2001 296.60 581.71 (285.71) 0.8052 0.00 | 1/6/2001 | 325.12 | 610.82 | (285.70) | 1.1000 | # | 0.00 | 314.27 | 0.00 |) | 0.00 | | 0.0 | | |
| 1/9/2001 334.97 620.68 (225.71) 1.1660 0.00 333.14 0.00 0.00 0.01 1/10/2001 295.56 581.27 (285.71) 1.1330 0.00 322.71 0.00 0.00 0.01 1/11/2001 275.86 561.56 (285.70) 1.1385 0.00 325.27 0.00 0.00 0.01 1/11/2001 236.45 522.16 (285.71) 1.0384 0.00 296.68 0.00 0.00 0.01 1/13/2001 216.74 502.45 (285.71) 1.0230 0.00 292.28 0.00 0.00 0.01 1/2001 216.74 502.45 (285.71) 1.0230 0.00 292.28 0.00 0.00 0.01 1/13/2001 216.74 502.45 (285.71) 1.0230 0.00 292.28 0.00 0.00 0.01 1/13/2001 216.74 502.45 (285.71) 1.0230 0.00 292.28 0.00 0.00 0.01 1/13/2001 216.74 640.38 (423.64) 1.0230 0.00 433.33 0.00 0.00 0.01 1/13/2001 325.12 610.82 (285.70) 0.9515 0.00 271.84 0.00 0.00 0.01 1/13/2001 334.82 630.53 (235.71) 0.8768 0.00 256.14 0.00 0.00 0.01 1/13/2001 295.56 581.27 (285.71) 0.8778 0.00 250.80 0.00 0.00 0.01 1/22/2001 295.56 581.27 (285.71) 0.8778 0.00 250.80 0.00 0.00 0.01 1/22/2001 295.56 581.27 (285.71) 0.8778 0.00 250.80 0.00 0.00 0.01 1/23/2001 275.86 561.56 (285.70) 0.8800 0.00 230.80 0.00 0.00 0.01 1/23/2001 295.56 581.27 (285.71) 0.8778 0.00 230.80 0.00 0.00 0.01 1/23/2001 295.56 581.27 (285.71) 0.8778 0.00 230.80 0.00 0.00 0.01 1/23/2001 295.56 581.27 (285.71) 0.8778 0.00 230.80 0.00 0.00 0.01 1/23/2001 295.56 610.82 (315.26) 0.7887 0.00 230.85 0.00 0.00 0.00 1/23/2001 295.56 610.82 (315.26) 0.7887 0.00 230.85 0.00 0.00 0.00 1/23/2001 266.00 640.38 (374.38) 0.8052 0.00 233.85 0.00 0.00 0.00 1/23/2001 266.00 640.38 (374.38) 0.8052 0.00 233.86 0.00 0.00 0.00 1/23/2001 266.00 640.38 (374.38) 0.8052 0.00 233.86 0.00 | 1/7/2001 | 325.12 | 650.23 | (325.11) | 1.1000 | # | 0.00 | 357.62 | 0.00 |) | 0.00 | | 0.0 | | |
| 1/10/2001 295.56 581.27 (285.71) 1.1330 # 0.00 323.71 0.00 0.00 0.11/11/2001 275.86 561.56 (285.70) 1.1385 # 0.00 325.27 0.00 0.00 0.11/12/2001 236.45 522.16 (285.71) 1.0324 # 0.00 296.68 0.00 0.00 0.11/12/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 0.11/12/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 0.11/16/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 0.11/16/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 0.11/16/2001 216.74 640.38 (423.64) 1.0230 # 0.00 433.38 0.00 0.00 0.00 0.11/16/2001 325.12 610.82 (285.70) 0.5915 # 0.00 271.84 0.00 0.00 0.00 0.11/16/2001 394.08 630.53 (235.71) 0.8965 # 0.00 256.14 0.00 0.00 0.00 0.11/16/2001 394.08 630.53 (236.45) 0.8250 # 0.00 195.07 0.00 0.00 0.00 0.11/16/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 0.11/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 0.11/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 0.11/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 0.11/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 0.11/12/2001 295.56 610.82 (315.26) 0.7887 # 0.00 230.37 0.00 0.00 0.00 0.11/12/2001 334.97 620.68 (285.71) 0.8063 # 0.00 230.37 0.00 0.00 0.00 0.11/12/2001 295.56 610.82 (315.26) 0.7887 # 0.00 230.37 0.00 0.00 0.00 0.11/12/2001 266.00 581.27 (315.27) 0.8052 # 0.00 230.37 0.00 0.00 0.00 0.11/12/2001 266.00 581.27 (315.27) 0.8052 # 0.00 230.35 0.00 0.00 0.00 0.11/12/2001 266.00 581.27 (315.27) 0.8052 # 0.00 230.85 0.00 0.00 0.00 | 1/8/2001 | 325.12 | 6 89.64 | (364.52) | 1.1000 | # | 0.00 | 400.97 | 0.00 | • | 0.00 | | 0.0 | | |
| 1/11/2001 275.86 561.56 (285.70) 1.1385 # 0.00 325.27 0.00 0.00 0.1 1/12/2001 236.45 522.16 (285.71) 1.0384 # 0.00 296.68 0.00 0.00 0.1 1/13/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.1 1/13/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.01 1/13/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 1/13/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 1/16/2001 216.74 640.38 (423.64) 1.0230 # 0.00 433.38 0.00 0.00 0.01 1/16/2001 216.74 640.38 (423.64) 1.0230 # 0.00 433.38 0.00 0.00 0.00 1/17/2001 325.12 610.82 (285.70) 0.9515 # 0.00 271.84 0.00 0.00 0.01 1/18/2001 344.82 630.53 (285.71) 0.8965 # 0.00 256.14 0.00 0.00 0.01 1/19/2001 394.08 630.53 (236.45) 0.8250 # 0.00 195.07 0.00 0.00 0.01 1/20/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.01 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.01 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 610.82 (315.26) 0.7887 # 0.00 230.37 0.00 0.00 0.00 1/22/2001 295.56 610.82 (315.26) 0.7887 # 0.00 230.37 0.00 0.00 0.00 1/22/2001 295.56 610.82 (315.26) 0.7887 # 0.00 230.37 0.00 0.00 0.00 1/22/2001 295.56 610.82 (315.26) 0.7887 # 0.00 230.37 0.00 0.00 0.00 1/22/2001 295.56 610.82 (315.27) 0.8052 # 0.00 230.37 0.00 0.00 0.00 1/22/2001 266.00 581.27 (315.27) 0.8052 # 0.00 230.85 0.00 0.00 0.00 1/22/2001 266.00 581.27 (315.27) 0.8052 # 0.00 230.85 0.00 0.00 0.00 1/22/2001 266.00 581.27 (315.27) 0.8052 # 0.00 230.85 0.00 0.00 0.00 1/22/2001 266.00 581.27 (315.27) 0.8052 # 0.00 230.05 0.00 0.00 0.00 1/22/2001 266.00 581.27 (315.27) 0.8052 # 0.00 230.05 0.00 0.00 0.00 1/22/2001 266.00 581.27 (315.27) 0.8052 # 0.00 2 | 1/9/2001 | 334.97 | 620.68 | (285.71) | 1.1660 | # | 0,00 | 333.14 | 0.00 | • | 0.00 | | 0.0 | | |
| 1/12/2001 236.45 522.16 (285.71) 1.0384 # 0.00 296.68 0.00 0.00 0.01 1/13/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.01 1/13/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 0.1 1/13/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 0.1 1/13/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 0.1 1/13/2001 216.74 640.38 (423.64) 1.0230 # 0.00 433.38 0.00 0.00 0.00 0.1 1/13/2001 325.12 610.82 (285.70) 0.9515 # 0.00 271.84 0.00 0.00 0.00 0.1 1/13/2001 344.82 630.53 (285.71) 0.8965 # 0.00 256.14 0.00 0.00 0.00 0.1 1/13/2001 394.08 630.53 (236.45) 0.8230 # 0.00 195.07 0.00 0.00 0.01 1/13/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 0.1 1/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 0.1 1/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 0.1 1/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 0.01 1/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 0.01 1/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 0.01 1/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 0.00 0.01 1/12/2001 295.56 610.82 (315.26) 0.7887 # 0.00 230.37 0.00 0.00 0.00 0.01 1/12/2001 295.56 610.82 (315.26) 0.7887 # 0.00 230.37 0.00 0.00 0.00 0.01 1/12/2001 295.56 610.82 (315.26) 0.7887 # 0.00 238.85 0.00 0.00 0.00 0.01 1/12/2001 295.56 610.82 (315.26) 0.7887 # 0.00 238.85 0.00 0.00 0.00 0.00 0.01 1/12/2001 295.56 610.82 (315.26) 0.7887 # 0.00 238.85 0.00 0.00 0.00 0.00 0.01 1/12/2001 295.56 610.82 (315.27) 0.8052 # 0.00 253.86 0.00 0.00 0.00 0.00 0.01 1/12/2001 266.00 581.27 (315.27) 0.8052 # 0.00 253.86 0.00 0.00 0.00 0.00 0.01 1/12/2001 266.00 551.71 (285.71) 0.8052 # 0.00 253.85 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 | 1/10/2001 | 295.56 | 581.27 | (285.71) | 1.1330 | # | 0.00 | 323.71 | 0.00 | • | 0.00 | | 0.0 | | |
| 1/13/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.01 1/2/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 0.1 1/16/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.00 0.1 1/16/2001 216.74 640.38 (423.64) 1.0230 # 0.00 433.38 0.00 0.00 0.00 0.1 1/16/2001 325.12 610.82 (285.70) 0.9515 # 0.00 271.84 0.00 0.00 0.00 0.1 1/18/2001 344.82 630.53 (285.71) 0.8965 # 0.00 256.14 0.00 0.00 0.00 1/1/19/2001 394.08 630.53 (285.71) 0.8965 # 0.00 195.07 0.00 0.00 0.01 1/19/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 0.01 1/22/2001 295.56 561.56 (285.70) 0.8800 # 0.00 250.80 0.00 0.00 0.00 0.01 1/22/2001 295.56 561.56 (285.70) 0.8800 # 0.00 250.80 0.00 0.00 0.00 0.01 1/22/2001 295.56 610.82 (315.26) 0.7887 # 0.00 230.37 0.00 0.00 0.00 1/22/2001 334.97 620.68 (285.71) 0.8063 # 0.00 230.37 0.00 0.00 0.00 0.01 1/22/2001 295.56 610.82 (315.26) 0.7887 # 0.00 233.85 0.00 0.00 0.00 0.01 1/22/2001 295.56 610.82 (315.26) 0.7887 # 0.00 233.85 0.00 0.00 0.00 0.01 1/22/2001 266.00 640.38 (374.38) 0.8052 # 0.00 233.85 0.00 0.00 0.00 0.01 1/22/2001 266.00 551.71 (285.71) 0.8052 # 0.00 233.86 0.00 0.00 0.00 0.01 1/22/2001 266.00 551.71 (285.71) 0.8052 # 0.00 233.86 0.00 0.00 0.00 0.01 1/22/2001 266.00 551.71 (285.71) 0.8052 # 0.00 233.86 0.00 0.00 0.00 0.00 0.01 1/22/2001 266.00 551.71 (285.71) 0.8052 # 0.00 233.85 0.00 0.00 0.00 0.00 0.01 1/22/2001 266.00 551.71 (285.71) 0.8052 # 0.00 233.85 0.00 0.00 0.00 0.00 0.00 0.01 1/22/2001 266.00 551.71 (285.71) 0.8052 # 0.00 233.85 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 | 1/11/2001 | 275.86 | 561.56 | (285.70) | 1.1385 | # | 0.00 | 325.27 | 0.00 |) | 0.00 | | 0.0 | | |
| 14/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.01 .15/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.01 1/16/2001 216.74 640.38 (423.64) 1.0230 # 0.00 433.38 0.00 0.00 0.01 1/17/2001 325.12 610.82 (285.70) 0.9515 # 0.00 271.84 0.00 0.00 0.01 1/18/2001 344.82 630.53 (285.71) 0.8965 # 0.00 256.14 0.00 0.00 0.01 1/19/2001 394.08 630.53 (236.45) 0.8250 # 0.00 195.07 0.00 0.00 0.00 1/20/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.01 < | 1/12/2001 | 236.45 | 522.16 | (285.71) | 1.0384 | # | 0,00 | 296.68 | 0.00 | • | 0.00 | | 0.0 | | |
| .15/2001 216.74 502.45 (285.71) 1.0230 # 0.00 292.28 0.00 0.00 0.01 1/16/2001 216.74 640.38 (423.64) 1.0230 # 0.00 433.38 0.00 0.00 0.01 1/17/2001 325.12 610.82 (285.70) 0.9515 # 0.00 271.84 0.00 0.00 0.00 1/18/2001 344.82 630.53 (285.71) 0.8965 # 0.00 256.14 0.00 0.00 0.00 1/18/2001 394.08 630.53 (236.45) 0.8250 # 0.00 195.07 0.00 0.00 0.00 1/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/12/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/12/2001 295.56 561.56 (285.70) 0.8800 # 0.00 251.42 0.00 0.00 0.01 1/22/2001 295.56 610.82 (315.26) 0.7887 # 0.00 230.37 0.00 0.00 0.01 1/26/2001 334.97 620.68 (285.71) 0.8360 # 0.00 248.65 0.00 0.00 0.00 1/26/2001 334.97 620.68 (285.71) 0.8360 # 0.00 248.65 0.00 0.00 0.00 1/26/2001 266.00 640.38 (374.38) 0.8052 # 0.00 253.86 0.00 0.00 0.00 0.01 1/28/2001 266.00 581.27 (315.27) 0.8362 # 0.00 253.86 0.00 0.00 0.00 0.01 1/28/2001 266.00 581.27 (315.27) 0.8362 # 0.00 253.86 0.00 0.00 0.00 0.01 1/28/2001 266.00 581.27 (315.27) 0.8362 # 0.00 253.86 0.00 0.00 0.00 0.01 1/28/2001 266.00 581.27 (315.27) 0.8052 # 0.00 253.86 0.00 0.00 0.00 0.00 1/30/2001 236.45 522.16 (285.71) 0.7744 # 0.00 221.25 0.00 0.00 0.00 0.00 1/31/2001 285.71 463.04 (177.33) 0.6985 # 0.00 123.87 0.00 0.00 0.00 0.00 | 1/13/2001 | 216.74 | 502.45 | (285.71) | 1.0230 | # | 0.00 | 292.28 | 0.00 |) | 0.00 | | 0.0 | | |
| 1/16/2001 216.74 640.38 (423.64) 1.0230 # 0.00 433.38 0.00 0.00 0.01 1/17/2001 325.12 610.82 (285.70) 0.9515 # 0.00 271.84 0.00 0.00 0.01 1/18/2001 344.82 630.53 (285.71) 0.8965 # 0.00 256.14 0.00 0.00 0.01 1/19/2001 394.08 630.53 (236.45) 0.8250 # 0.00 195.07 0.00 0.00 0.00 0.01 1/20/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/21/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 561.56 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/24/2001 403.93 689.64 (285.71) <t< td=""><td>14/2001</td><td>216.74</td><td>502.45</td><td>(285.71)</td><td>1.0230</td><td>#</td><td>0.00</td><td>292.28</td><td>0.00</td><td>)</td><td>0.00</td><td></td><td>0.0</td></t<> | 14/2001 | 216.74 | 502.45 | (285.71) | 1.0230 | # | 0.00 | 292.28 | 0.00 |) | 0.00 | | 0.0 | | |
| 1/17/2001 325.12 610.82 (285.70) 0.9515 # 0.00 271.84 0.00 0.00 0.01 1/18/2001 344.82 630.53 (285.71) 0.8965 # 0.00 256.14 0.00 0.00 0.01 1/19/2001 394.08 630.53 (236.45) 0.8250 # 0.00 195.07 0.00 0.00 0.01 1/20/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.01 1/21/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/23/2001 275.86 561.56 (285.71) 0.8778 # 0.00 251.42 0.00 0.00 0.00 1/24/2001 403.93 689.64 (285.71) 0.8063 # 0.00 230.37 0.00 0.00 0.00 | . 15/2001 | 216.74 | 502.45 | (285.71) | 1.0230 | # | 0.00 | 292.28 | 0.00 | t | 0.00 | | 0.0 | | |
| 1/18/2001 344.82 630.53 (285.71) 0.8965 # 0.00 256.14 0.00 0.00 0.01 1/19/2001 394.08 630.53 (236.45) 0.8250 # 0.00 195.07 0.00 0.00 0.01 1/20/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.01 1/21/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.01 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/23/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/24/2001 403.93 689.64 (285.70) 0.8800 # 0.00 251.42 0.00 0.00 0.00 1/25/2001 295.56 610.82 (315.26) 0.7887 # 0.00 248.65 0.00 0.00 0.00 1/26/2001 334.97 620.68 (285.71) 0.8360 # | 1/16/2001 | 216.74 | 640.38 | (423.64) | 1.0230 | # | 0.00 | 433.38 | 0.00 | } | 0.00 | | 0.0 | | |
| 1/19/2001 394.08 630.53 (236.45) 0.8250 # 0.00 195.07 0.00 0.00 0.01 1/20/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/21/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/23/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.00 1/23/2001 275.86 561.56 (285.70) 0.8800 # 0.00 251.42 0.00 0.00 0.00 1/24/2001 403.93 689.64 (285.71) 0.8063 # 0.00 230.37 0.00 0.00 0.0 1/25/2001 295.56 610.82 (315.26) 0.7887 # 0.00 248.65 0.00 0.00 0.0 1/26/2001 334.97 620.68 (285.71) 0.8360 # 0.00 238.85 0.00 0.00 0.0 1/27/2001 266.00 581.27 (315.27) 0.8052 # < | 1/17/2001 | 325.12 | 610.82 | (285.70) | 0.9515 | # | 0.00 | 271.84 | 0.00 | + | 0.00 | | 0.0 | | |
| 1/20/2001 295,56 581,27 (285,71) 0.8778 # 0.00 250,80 0.00 0.00 0.01 1/21/2001 295,56 581,27 (285,71) 0.8778 # 0.00 250,80 0.00 0.00 0.01 1/22/2001 295,56 581,27 (285,71) 0.8778 # 0.00 250,80 0.00 0.00 0.01 1/23/2001 275,86 561,56 (285,70) 0.8800 # 0.00 251,42 0.00 0.00 0.01 1/24/2001 403,93 689,64 (285,71) 0.8063 # 0.00 230,37 0.00 0.00 0.01 1/25/2001 295,56 610,82 (315,26) 0.7887 # 0.00 248,65 0.00 0.00 0.01 1/26/2001 334,97 620,68 (285,71) 0.8360 # 0.00 238,85 0.00 0.00 0.0 3/27/2001 266,00 581,27 (315,27) 0.8052 # 0.00 253,86 0.00 0.00 0.0 1/28/2001 266,00 581,27 (315,27) 0.8052 # | 1/18/2001 | 344.82 | 630.53 | (285.71) | 0.8965 | # | 0.00 | 256.14 | 0.00 |) | 0.00 | | 0.0 | | |
| 1/21/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.0 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.0 1/23/2001 275.86 561.56 (285.70) 0.8800 # 0.00 251.42 0.00 0.00 0.0 1/24/2001 403.93 689.64 (285.71) 0.8063 # 0.00 230.37 0.00 0.00 0.0 1/25/2001 295.56 610.82 (315.26) 0.7887 # 0.00 248.65 0.00 0.00 0.0 1/26/2001 334.97 620.68 (285.71) 0.8360 # 0.00 238.85 0.00 0.00 0.0 1/27/2001 266.00 640.38 (374.38) 0.8052 # 0.00 301.45 0.00 0.00 0.0 1/28/2001 266.00 581.27 (315.27) 0.8052 # 0.00 253.86 0.00 0.00 0.0 1/29/2001 266.00 551.71 (285.71) 0.8052 # 0. | 1/19/2001 | 394.08 | 630.53 | (236.45) | 0.8250 | # | 0.00 | 195.07 | 0.00 | } | 0.00 | | 0.0 | | |
| 1/22/2001 295.56 581.27 (285.71) 0.8778 # 0.00 250.80 0.00 0.00 0.0 1/23/2001 275.86 561.56 (285.70) 0.8800 # 0.00 251.42 0.00 0.00 0.0 1/24/2001 403.93 689.64 (285.71) 0.8063 # 0.00 230.37 0.00 0.00 0.0 1/25/2001 295.56 610.82 (315.26) 0.7887 # 0.00 248.65 0.00 0.00 0.0 1/26/2001 334.97 620.68 (285.71) 0.8360 # 0.00 238.85 0.00 0.00 0.0 1/27/2001 266.00 640.38 (374.38) 0.8052 # 0.00 301.45 0.00 0.00 0.0 1/29/2001 266.00 581.27 (315.27) 0.8052 # 0.00 253.86 0.00 0.00 0.0 1/30/2001 236.45 522.16 (285.71) 0.7744 # 0.00 230.05 0.00 0.00 0.0 1/31/2001 285.71 463.04 (177.33) 0.6985 # 0. | 1/20/2001 | 295.56 | 581.27 | (285.71) | 0.8778 | # | 0.00 | 250.80 | 0.00 | 1 | 0.00 | | 0.0 | | |
| 1/23/2001 275,86 561,56 (285,70) 0.8800 # 0.00 251,42 0.00 0.00 0.0 1/24/2001 403,93 689,64 (285,71) 0.8063 # 0.00 230,37 0.00 0.00 0.0 1/25/2001 295,56 610,82 (315,26) 0.7887 # 0.00 248,65 0.00 0.00 0.0 1/26/2001 334,97 620,68 (285,71) 0.8360 # 0.00 238,85 0.00 0.00 0.0 1/27/2001 266,00 640,38 (374,38) 0.8052 # 0.00 301,45 0.00 0.00 0.0 1/28/2001 266,00 581,27 (315,27) 0.8052 # 0.00 253,86 0.00 0.00 0.0 1/29/2001 266,00 551,71 (285,71) 0.8052 # 0.00 230,05 0.00 0.00 0.0 1/30/2001 236,45 522,16 (285,71) 0.7744 # 0.00 221,25 0.00 0.00 0.0 1/31/2001 285,71 463,04 (177,33) 0.6985 # 0. | 1/21/2001 | 295.56 | 581. 27 | (285.71) | 0.8778 | # | 0.00 | 250.80 | 0.00 | ı | 0.00 | | 0.0 | | |
| 1/24/2001 403.93 689.64 (285.71) 0.8063 # 0.00 230.37 0.00 0.00 0.0 1/25/2001 295.56 610.82 (315.26) 0.7887 # 0.00 248.65 0.00 0.00 0.0 1/26/2001 334.97 620.68 (285.71) 0.8360 # 0.00 238.85 0.00 0.00 0.0 1/27/2001 266.00 640.38 (374.38) 0.8052 # 0.00 301.45 0.00 0.00 0.0 1/28/2001 266.00 581.27 (315.27) 0.8052 # 0.00 253.86 0.00 0.00 0.0 1/29/2001 266.00 551.71 (285.71) 0.8052 # 0.00 230.05 0.00 0.00 0.0 1/30/2001 236.45 522.16 (285.71) 0.7744 # 0.00 221.25 0.00 0.00 0.0 1/31/2001 285.71 463.04 (177.33) 0.6985 # 0.00 123.87 0.00 0.00 0.0 | 1/22/2001 | 295.56 | 5 81.27 | (285.71) | 0.8778 | # | 0.00 | 250.80 | 0.00 | 1 | 0.00 | | 0.0 | | |
| 1/25/2001 295.56 610.82 (315.26) 0.7887 # 0.00 248.65 0.00 0.00 0.0 1/26/2001 334.97 620.68 (285.71) 0.8360 # 0.00 238.85 0.00 0.00 0.0 1/27/2001 266.00 640.38 (374.38) 0.8052 # 0.00 301.45 0.00 0.00 0.0 1/28/2001 266.00 581.27 (315.27) 0.8052 # 0.00 253.86 0.00 0.00 0.0 1/29/2001 266.00 551.71 (285.71) 0.8052 # 0.00 230.05 0.00 0.00 0.0 1/30/2001 236.45 522.16 (285.71) 0.7744 # 0.00 221.25 0.00 0.00 0.0 1/31/2001 285.71 463.04 (177.33) 0.6985 # 0.00 123.87 0.00 0.00 0.0 | 1/23/2001 | 275.86 | 561. 56 | (285.70) | 0.8800 | # | 0.00 | 251.42 | 0.00 | ı | 0.00 | | 9.0 | | |
| 1/26/2001 334.97 620.68 (285.71) 0.8360 # 0.00 238.85 0.00 0.00 0.0 1/27/2001 266.00 640.38 (374.38) 0.8052 # 0.00 301.45 0.00 0.00 0.0 1/28/2001 266.00 581.27 (315.27) 0.8052 # 0.00 253.86 0.00 0.00 0.0 1/29/2001 266.00 551.71 (285.71) 0.8052 # 0.00 230.05 0.00 0.00 0.0 1/30/2001 236.45 522.16 (285.71) 0.7744 # 0.00 221.25 0.00 0.00 0.0 1/31/2001 285.71 463.04 (177.33) 0.6985 # 0.00 123.87 0.00 0.00 0.0 | 1/24/2001 | 403.93 | 6 89.64 | (285.71) | 0.8063 | Ħ | 0.00 | 230.37 | 0.00 |) | 0.00 | | 0.0 | | |
| 1/27/2001 266.00 640.38 (374.38) 0.8052 # 0.00 301.45 0.00 0.00 0.0 1/28/2001 266.00 581.27 (315.27) 0.8052 # 0.00 253.86 0.00 0.00 0.0 1/29/2001 266.00 551.71 (285.71) 0.8052 # 0.00 230.05 0.00 0.00 0.0 1/30/2001 236.45 522.16 (285.71) 0.7744 # 0.00 221.25 0.00 0.00 0.0 1/31/2001 285.71 463.04 (177.33) 0.6985 # 0.00 123.87 0.00 0.00 0.0 | 1/25/2001 | 295.56 | 610.82 | (315.26) | 0.7887 | # | 0.00 | 248.65 | 0.00 | • | 0.00 | | 0.0 | | |
| 1/28/2001 266.00 581.27 (315.27) 0.8052 # 0.00 253.86 0.00 -0.00 0.0 1/29/2001 266.00 551.71 (285.71) 0.8052 # 0.00 230.05 0.00 0.00 0.0 1/30/2001 236.45 522.16 (285.71) 0.7744 # 0.00 221.25 0.00 0.00 0.0 1/31/2001 285.71 463.04 (177.33) 0.6985 # 0.00 123.87 0.00 0.00 0.0 | 1/26/2001 | 334.97 | 620.68 | (285.71) | 0.8360 | # | 0.00 | 238.85 | 0.00 | | 0.00 | | 0.0 | | |
| 1/29/2001 266.00 551.71 (285.71) 0.8052 # 0.00 230.05 0.00 0.00 0.0 1/30/2001 236.45 522.16 (285.71) 0.7744 # 0.00 221.25 0.00 0.00 0.0 1/31/2001 285.71 463.04 (177.33) 0.69\$5 # 0.00 123.87 0.00 0.00 0.0 | 1/27/2001 | 266.00 | 640.38 | (374.38) | 0.8052 | # | 0.00 | 301.45 | 0.00 | | 0.00 | | 0.0 | | |
| 1/30/2001 236.45 522.16 (285.71) 0.7744 # 0.00 221.25 0.00 0.00 0.0 1/31/2001 285.71 463.04 (177.33) 0.69%5 # 0.00 123.87 0.00 0.00 0.0 | 1/28/2001 | 266.00 | 581.27 | (315.27) | 0.8052 | # | 0.00 | 253.86 | 0.00 | | - 0.00 | | 0.0 | | |
| 1/31/2001 285.71 463.04 (177.33) 0.6985 # 0.00 123.87 0.00 0.00 0.0 | 1/29/2001 | 266.00 | 551.71 | (285.71) | 0.8052 | # | 0.00 | 230.05 | 0.00 | | 0.00 | | 0.0 | | |
| | 1/30/2001 | 236.45 | 522.16 | (285.71) | 0.7744 | # | 0.00 | 221.25 | 0.00 | | 0.00 | | 0.0 | | |
| 10,797.80 18,738.51 \$ 0.00 \$ 7,537.33 \$ 0.00 \$ 0.00 \$ 0.0 | 1/31/2001 | 285.71 | 463.04 | (177.33) | 0.6985 | # | 0.00 | 123.87 | 0.00 | | 0.00 | | 0.0 | | |
| | | 10,797.80 | 18,738.51 | | | | \$ 0.00 | \$ 7,537.33 | \$ 0.00 | <u> </u> | 0.00 | \$ | 0.0 | | |

Carryover from November 3,519.43

Group Deliveries 22,257.94

[@] Critical Day 1 mmbtu = 10 therms

^{*} Underdelivery Price based on the higher of Rider 6 Gas Supply Cost or Market Price (defined in Terms and Conditions)

Overdelivery Price based on 100% of Gas Daily Chicago Citygate low price.

[#] Price based on Gas Daily Chicago Citygate

Overdelivery price at 0.9 times the low price, underdelivery at 1.1 times high price.

[&]amp; Unaccounted for adjustment is 1.48%

Northern Illinois Gas Company d/b/a Nicor Gas Company Response to: Citizens Utility Board Ill. C. C. Docket Nos. 00-0620 and 00-0621 Consolidated Fifth Data Request

- CUB 5.3 Q. On p. 25 Mr. Harms refers to a recommendation by Mr. Mierzwa as "single issue ratemaking." Please define the term "single issue ratemaking" and state the source of the definition.
 - A. Mr. Harms used the Illinois Supreme Court's definition of "single issue ratemaking." According to the Court, "single issue ratemaking" is a ratemaking principle that:

recognizes that the revenue formula is designed to determine a utility's revenue requirement based on the utility's aggregate costs and demand. [citation omitted]. The rule prohibits the Commission from considering changes to components of the revenue requirement in isolation. Consideration of any one item in the revenue formula in isolation risks understatement or overstatement of the revenue requirement. [citation omitted]. Citizens Util. Bd. v. Illinois Commerce Comm'n, (1995), 166 Ill.2d 111, 136-37, 651 N.E.2d 1089, 1102, reh'g denied (citing Business and Prof'l People for the Pub. Interest v. Illinois Commerce Comm'n, (1991), 146 Ill.2d. 175, 244-45, 585 N.E.2d 1032, 1061-62).

When the Commission examines costs within the framework of a proposed change in base rates, the regulatory principle that prohibits single-issue ratemaking requires the Commission to examine the impact of the expense on the utility's overall revenue requirement. Citizens, 166 III.2d at 137, 651 N.E.2d at 1102. See also Archer-Daniels-Midland Co. v. Illinois Commerce Comm'n, (1998), 184 III.2d 391, 401, 704 N.E.2d 387, 392 (same).

Company Witness: Albert E. Harms